

FIGURE 1



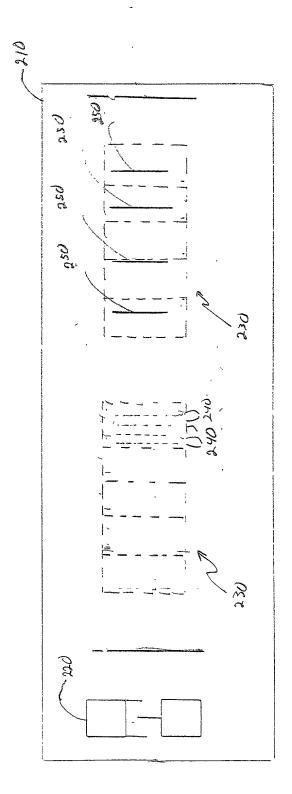


FIGURE 2

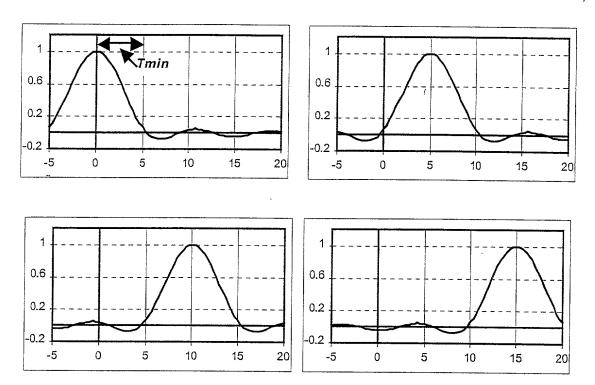


Figure 3

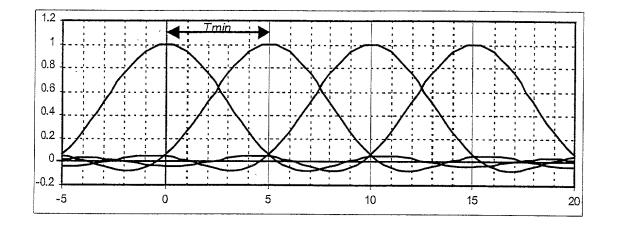


FIGURE 4

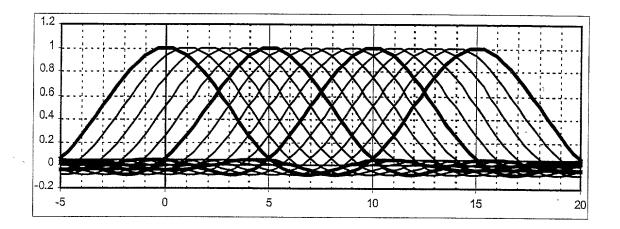
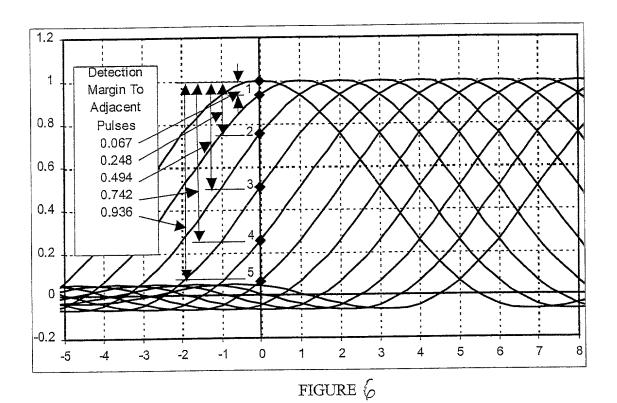


FIGURE 5



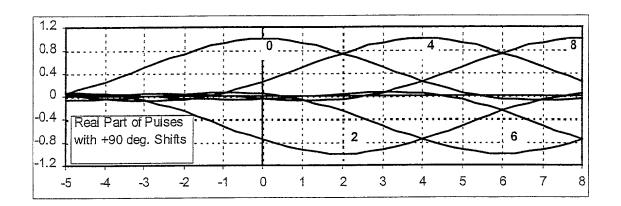


FIGURE 7A

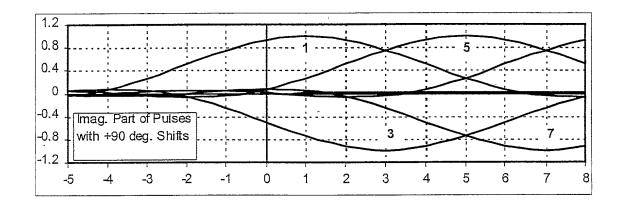


FIGURE 78

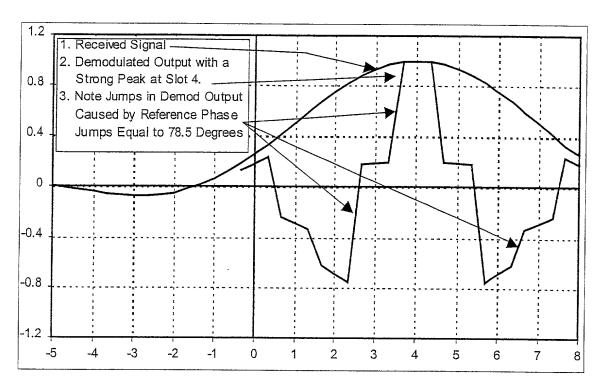


FIGURE 8

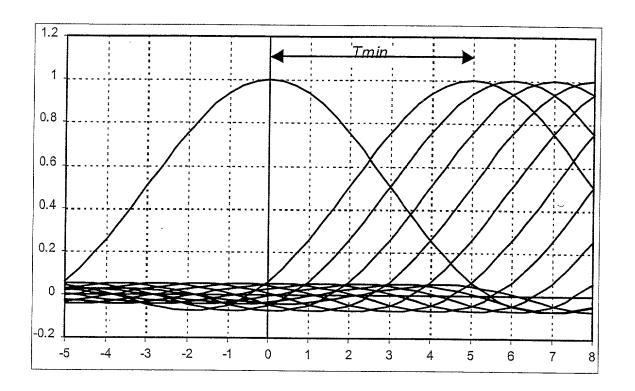


FIGURE 9 :

RESC 0004

Three Reflectors with Minimum Spacing of 5 Slots Have 286 Possible Placements In 21 Slots Each Row Shows A Unique Placement for 2 Items (X & Y) and Multiple Placement for the 3rd (Z)

0   1   2   3   4   5   6   7   8   9   10   11   12   13   14   15   15   17   18   19   20   #States   X	0	1	2	3	4	5	6	7	8		1 17	111	12	13		145	116	147	140			1 # 04-1
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FlourE 10

In 10 Slots, Two Reflectors with Minimum Spacing of 2 Slots Have 36 Possible Placements

State	0	1	2	3	4	5	6	7	8	9
0	X		Y							
1	X			Y						
2	X				Y					
3	X					Y				
4	X						Y			
5	X							Y		
6	X								Y	
7	X									Y
8		Х		Y						
9		Х			Y					
10		Х				Y				
11		X					Y			
12		Χ						Y		
13		X							Y	
14		X								Y
15			X		Y					
16			X			Y				
17			Χ				Υ			
18			X					Y		
19			X						Υ	
20			X							Y
21				Χ		Y				
22				X			Y			
23				X				Υ		
24				X					Y	
25				X						Y
26					X		Υ			
27					Х			Y		
28					Х				Y	
29					X					Y
30						X		Y		
31		$\neg \neg$				X			Y	
32						X		$\neg \neg$		Y
33							X		Y	
34							X			Y
35								X		Y

FIGURE 11

In 10 Slots, Two Reflectors with Minimum Spacing of 3 Slots And Allowing Only One Even Numbered and One Numbered Slot Provides 16 Possible States

State	0	1	2	3	4	5	6	7	8	9
0	X			Y						
1	X					Υ				
2	X							Y		
3	X									Y
4		X			Y					
5		X					Y			
6		X							Y	
7			X			Υ				
8			Х					Y		
9			X							Υ
10				Х			Υ			
11				Х					Y	
12					Χ			Y		
13					-X					Υ
14						X			Y	
15							X			Υ

FIGURE 12

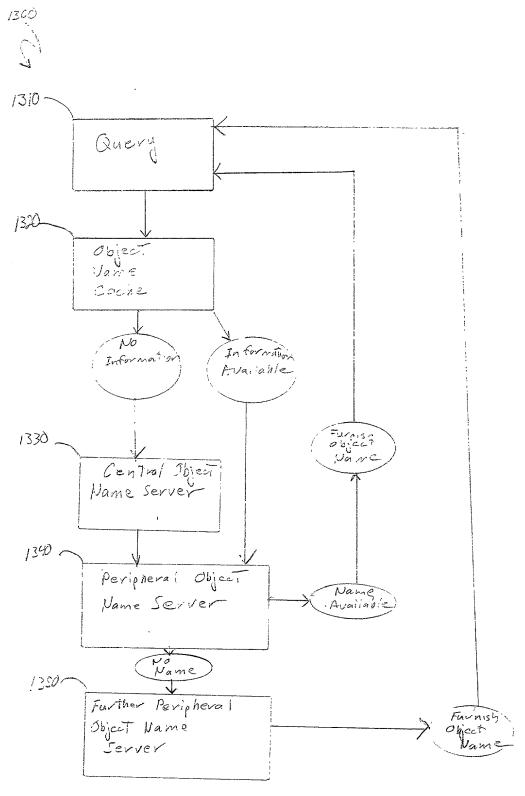


FIGURE 13